

Table 2. Value of Manufacturers' New Orders for Industry Groups¹

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		% Change 2023/ 2022
	Dec. 2023 ^p	Nov. 2023 ^f	Oct. 2023	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2023 ^p	Nov. 2023 ^f	Oct. 2023	Dec. 2022	2023 ^p	2022	
All manufacturing industries ²	594,276	593,104	577,946	0.2	2.6	-3.4	587,449	579,193	584,976	579,568	6,995,243	6,940,619	0.8
Excluding transportation ²	487,453	485,275	484,449	0.4	0.2	-1.3	468,348	470,344	493,954	469,004	5,792,451	5,866,401	-1.3
Excluding defense ²	580,605	578,130	560,254	0.4	3.2	-4.0	568,428	563,056	569,339	556,534	6,799,608	6,759,141	0.6
With unfilled orders ²	214,984	214,959	201,349	0.0	6.8	-6.1	223,334	207,972	197,205	210,651	2,465,098	2,341,543	5.3
Durable goods industries ²	295,383	295,403	280,217	0.0	5.4	-5.1	300,534	286,515	278,895	290,149	3,435,662	3,289,953	4.4
Primary metals.....	27,047	26,695	26,463	1.3	0.9	-0.6	24,781	25,187	26,319	24,642	320,213	323,597	-1.0
Iron and steel mills.....	15,234	14,857	14,728	2.5	0.9	-0.7	13,918	13,872	14,379	13,736	177,813	177,997	-0.1
Aluminum and nonferrous metals.....	9,892	10,094	10,008	-2.0	0.9	-0.9	9,129	9,717	10,205	9,467	122,216	126,299	-3.2
Ferrous metal foundries.....	1,921	1,744	1,727	10.1	1.0	2.3	1,734	1,598	1,735	1,439	20,184	19,301	4.6
Fabricated metal products.....	36,674	36,377	36,386	0.8	0.0	0.1	32,540	33,893	36,399	31,518	428,639	426,749	0.4
Machinery.....	37,399	37,370	37,430	0.1	-0.2	-0.9	36,125	34,345	37,149	36,653	448,203	446,755	0.3
Construction machinery.....	4,294	4,382	4,339	-2.0	1.0	1.2	3,948	4,192	4,293	3,765	50,237	44,878	11.9
Mining, oil field, and gas field machinery.....	1,654	1,521	1,734	8.7	-12.3	6.8	1,832	1,527	1,760	1,807	20,007	17,860	12.0
Industrial machinery.....	3,750	3,823	3,384	-1.9	13.0	1.0	4,074	3,267	3,529	3,904	43,302	46,380	-6.6
Photographic equipment.....	580	601	581	-3.5	3.4	27.1	519	473	553	616	7,265	7,605	-4.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,387	5,130	5,270	5.0	-2.7	-0.6	4,970	4,367	4,908	4,642	59,893	57,667	3.9
Metalworking machinery.....	2,562	2,576	2,610	-0.5	-1.3	-0.9	2,646	2,702	2,610	2,756	31,874	33,245	-4.1
Turbines, generators, and other power transmission equipment.....	3,844	4,041	4,060	-4.9	-0.5	-1.0	3,538	3,970	4,216	3,611	47,821	43,186	10.7
Material handling equipment.....	4,102	3,991	3,947	2.8	1.1	-6.3	4,325	3,646	4,013	4,285	48,305	45,829	5.4
Computers and electronic products ²	24,948	24,854	24,759	0.4	0.4	0.1	29,626	24,376	24,238	28,564	292,941	285,547	2.6
Computers.....	925	933	887	-0.9	5.2	4.2	1,018	928	885	850	10,237	8,973	14.1
Nondefense communications equipment.....	3,194	3,022	2,875	5.7	5.1	-3.0	4,545	2,901	2,531	4,208	34,357	34,754	-1.1
Defense communications equipment.....	199	203	209	-2.0	-2.9	5.6	208	217	210	205	2,432	2,342	3.8
Electronic components.....	4,862	4,864	4,811	0.0	1.1	-2.9	5,122	4,733	4,729	4,951	56,457	56,089	0.7
Nondefense search and navigation equipment.....	1,871	1,806	1,711	3.6	5.6	-2.6	1,858	1,713	1,753	1,852	20,942	20,860	0.4
Defense search and navigation equipment.....	3,161	3,141	3,285	0.6	-4.4	2.8	4,004	3,058	3,090	3,991	39,463	37,376	5.6
Electromedical, measuring, and control instruments.....	8,979	9,073	9,167	-1.0	-1.0	2.8	10,730	8,847	9,104	10,486	107,259	106,290	0.9
Electrical equipment, appliances, and components.....	14,382	14,180	13,909	1.4	1.9	-2.3	13,644	13,263	14,178	12,980	169,526	160,086	5.9
Electric lighting equipment.....	1,324	1,286	1,249	3.0	3.0	-6.2	1,207	1,300	1,341	1,287	15,628	14,994	4.2
Household appliances.....	2,448	2,410	2,422	1.6	-0.5	1.2	2,642	2,392	2,473	2,739	29,203	28,492	2.5
Electrical equipment.....	4,833	4,746	4,470	1.8	6.2	-5.0	4,376	4,103	4,428	3,576	55,469	50,439	10.0
Transportation equipment.....	106,823	107,829	93,497	-0.9	15.3	-13.4	119,101	108,849	91,022	110,564	1,202,792	1,074,218	12.0
Motor vehicle bodies, parts, and trailers.....	28,975	28,709	28,668	0.9	0.1	-1.9	25,860	28,425	29,369	26,280	347,116	337,104	3.0
Nondefense aircraft and parts.....	33,211	33,066	17,960	0.4	84.1	-43.9	44,140	33,124	15,610	28,104	274,521	182,503	50.4
Defense aircraft and parts.....	4,172	4,296	4,968	-2.9	-13.5	1.2	5,888	5,106	4,125	6,834	62,678	56,180	11.6
Ships and boats.....	2,636	3,197	3,557	-17.5	-10.1	15.0	2,934	3,526	3,210	5,392	42,580	44,744	-4.8
Furniture and related products.....	6,880	6,881	6,760	0.0	1.8	1.2	6,283	6,882	6,756	6,317	81,025	80,926	0.1
Nondurable goods industries.....	298,893	297,701	297,729	0.4	0.0	-1.8	286,915	292,678	306,081	289,419	3,559,581	3,650,666	-2.5

^p Preliminary

^f Revised data due to late receipts and concurrent seasonal adjustment.

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see <<http://www.census.gov/manufacturing/m3/>>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY23-0265).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, December Full Report, February 2, 2024. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.